

chain nodes :

16 17 18 19

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

6-16 7-11 16-17 17-18 18-19

ring bonds :

1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 10-15 11-12  
12-13 13-14 14-15

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 6-16 7-8 8-9 16-17

exact bonds :

7-11 17-18 18-19

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 1 :

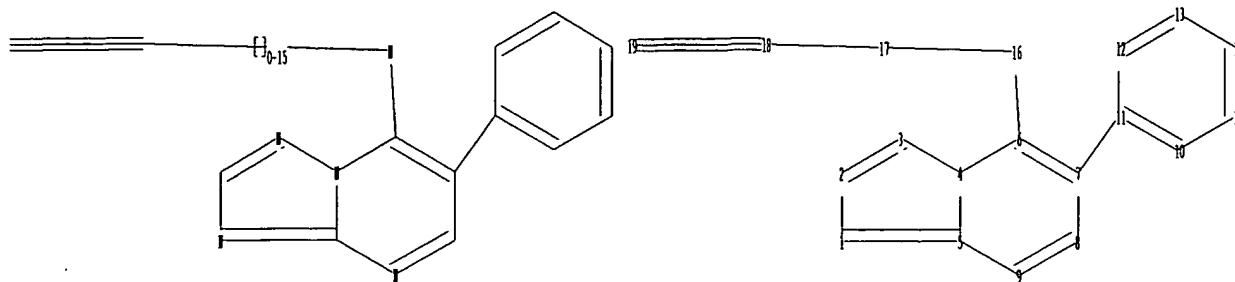
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS  
18:CLASS 19:CLASS

10/550571

=>

Uploading C:\Documents and Settings\EBernhardt\My Documents\Stnexp\Queries\10550571.str



chain nodes :

16 17 18 19

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

6-16 7-11 16-17 17-18 18-19

ring bonds :

1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 6-16 7-8 8-9 16-17

exact bonds :

7-11 17-18 18-19

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 16:01:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3 TO 163

PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

10/550571

=> s 11 sss full

FULL SEARCH INITIATED 16:01:37 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 36 TO ITERATE

100.0% PROCESSED 36 ITERATIONS

26 ANSWERS

SEARCH TIME: 00.00.01

L3 26 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

166.94

167.15

FILE 'CAPLUS' ENTERED AT 16:01:44 ON 05 JUL 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 5 Jul 2006 VOL 145 ISS 2

FILE LAST UPDATED: 4 Jul 2006 (20060704/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 13

L4 3 L3

=> d 14 1-3 bib abs hitstr

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:857602 CAPLUS

DN 141:332222

TI Methods for the production and use of 7-(alkynylamino)triazolopyrimidines and agents containing them useful for combating harmful fungi

IN Tormo I Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard

PA BASF Aktiengesellschaft, Germany

SO PCT Int. Appl., 36 pp.

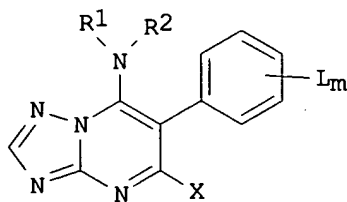
CODEN: PIXXD2

DT Patent

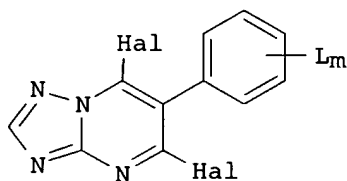
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004087706	A1	20041014	WO 2004-EP3346	20040330
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004226253	A1	20041014	AU 2004-226253	20040330
	CA 2520718	AA	20041014	CA 2004-2520718	20040330
	EP 1613633	A1	20060111	EP 2004-724256	20040330
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
	BR 2004008864	A	20060411	BR 2004-8864	20040330
	CN 1768062	A	20060503	CN 2004-80009242	20040330
PRAI	DE 2003-10314930	A	20030402		
	WO 2004-EP3346	W	20040330		
OS	CASREACT 141:332222; MARPAT 141:332222				
GI					



I



II

AB 7-(Alkynylamino)triazolopyrimidines I [L = halogen, C1-6-alkyl, C1-6-halogenalkyl, C1-6-alkoxy, NH<sub>2</sub>, NHR, NR<sub>2</sub>, cyano, S(O)<sub>n</sub>Al or C(O)<sub>2</sub>A<sub>2</sub>; R = C1-8-alkyl, C1-8-alkylcarbonyl; A<sub>1</sub> = hydrogen, hydroxy, C1-8-alkyl, C1-8-alkylamino, di(C1-8-alkyl)amino; n = 0, 1 or 2; A<sub>2</sub> = C2-8-alkenyl, C1-8-alkoxy, C1-6-halogenalkoxy or A<sub>1</sub>; m = 1, 2, 3, 4 or 5 (whereby at least one group L is present in an ortho-position to the bond with the triazolopyrimidine skeleton); X = halogen, cyano, C1-4-alkyl, C1-4-haloalkyl, C1-4-alkoxy; R<sub>1</sub> = hydrogen, C1-4-alkyl; R<sub>2</sub> = (un)substituted C3-10-alkynyl]. The invention also relates to methods for the production of said compds., agents containing said compds. and the use thereof

to combat harmful phytopathogenic fungi. The procedure for the preparation of I is characterized by: reaction of halotriazolopyrimidines II (Hal = halogen) with R<sub>1</sub>R<sub>2</sub>NH. Thus, triazolopyrimidine I [R<sub>1</sub> = H, R<sub>2</sub> = CH<sub>2</sub>C.tplbond.CH, X = Cl, L<sub>3</sub> = F3-2,4,6] was prepared from 5,7-Dichloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidine (II; ) via amination with HC.tplbond.CCH<sub>2</sub>NH<sub>2</sub> in CH<sub>2</sub>Cl<sub>2</sub> containing Et<sub>3</sub>N. The inhibitory activity of I were determined [after 5 d I (R<sub>1</sub> = H, R<sub>2</sub> = CH<sub>2</sub>C.tplbond.CCH<sub>2</sub>Cl, X = Cl, L<sub>3</sub> = F3-2,4,6; R<sub>1</sub> = H, R<sub>2</sub> = CMe<sub>2</sub>C.tplbond.CH,

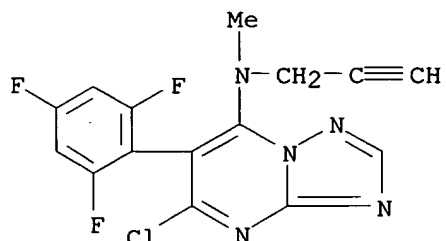
X = Cl, L3 = F3-2,4,6) had decreased the activity of *Alternaria solani* (Tomato dry spot disease) and *Puccinia recondita* (wheat brown rust) to 3%].

IT 773879-52-0P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation and nucleophilic substitution reactions of; preparation of (alkynylamino)triazolopyrimidines for use in combating harmful phytopathogenic fungi)

RN 773879-52-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-2-propynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



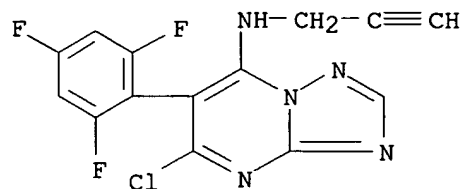
IT 773879-51-9P 773879-53-1P 773879-54-2P  
773879-55-3P 773879-56-4P 773879-57-5P  
773879-58-6P 773879-59-7P 773879-60-0P  
773879-62-2P 773879-63-3P 773879-64-4P  
773879-65-5P 773879-66-6P 773879-67-7P  
773879-68-8P 773879-69-9P 773879-70-2P  
773879-71-3P 773879-72-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (alkynylamino)triazolopyrimidines for use in combating harmful phytopathogenic fungi)

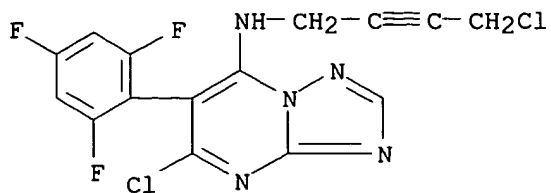
RN 773879-51-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-propynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



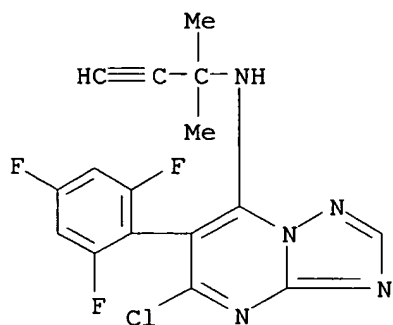
RN 773879-53-1 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(4-chloro-2-butynyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



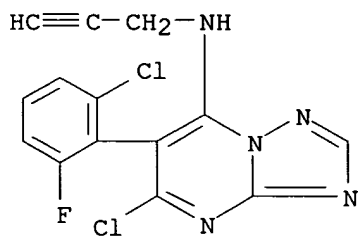
RN 773879-54-2 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,1-dimethyl-2-propynyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



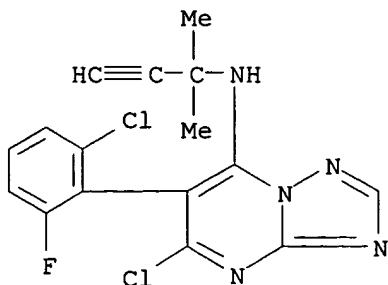
RN 773879-55-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-2-propynyl- (9CI) (CA INDEX NAME)



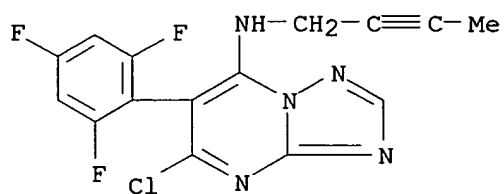
RN 773879-56-4 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,1-dimethyl-2-propynyl)- (9CI) (CA INDEX NAME)



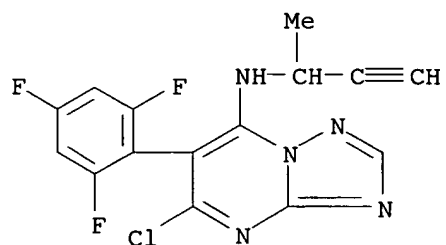
RN 773879-57-5 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-2-butynyl-5-chloro-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



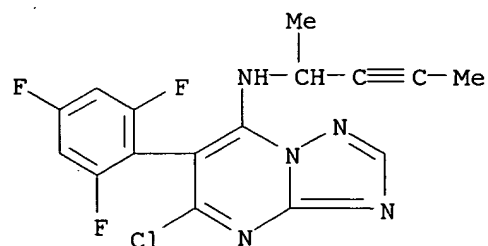
RN 773879-58-6 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methyl-2-propynyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 773879-59-7 CAPLUS

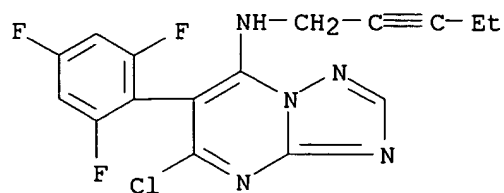
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methyl-2-butynyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



10/550571

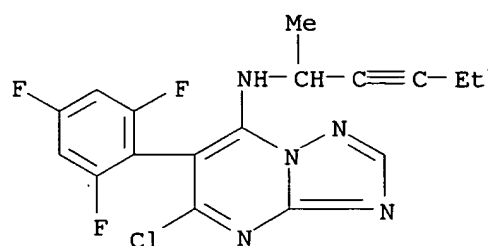
RN 773879-60-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-pentynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



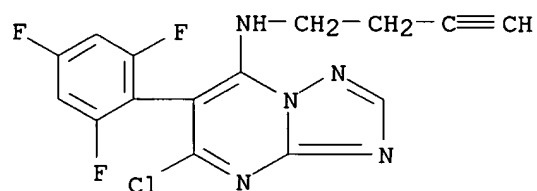
RN 773879-62-2 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methyl-2-pentynyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 773879-63-3 CAPLUS

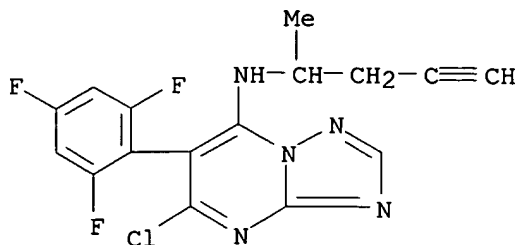
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-3-butynyl-5-chloro-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 773879-64-4 CAPLUS

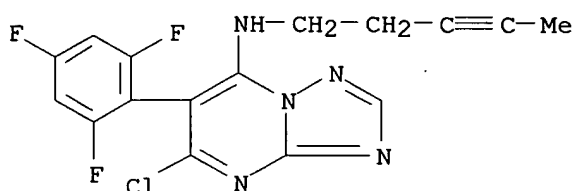
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methyl-3-butynyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)





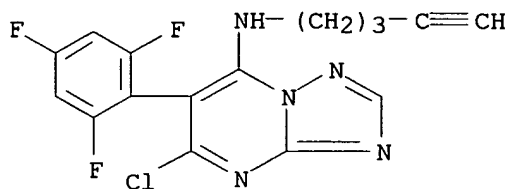
RN 773879-65-5 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-3-pentynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



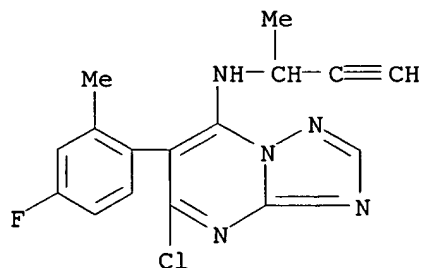
RN 773879-66-6 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-4-pentynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 773879-67-7 CAPLUS

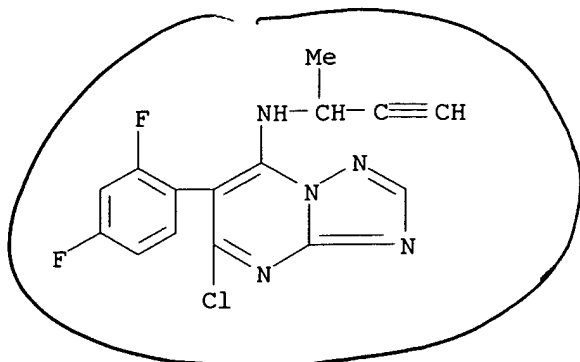
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(1-methyl-2-propynyl)- (9CI) (CA INDEX NAME)



RN 773879-68-8 CAPLUS

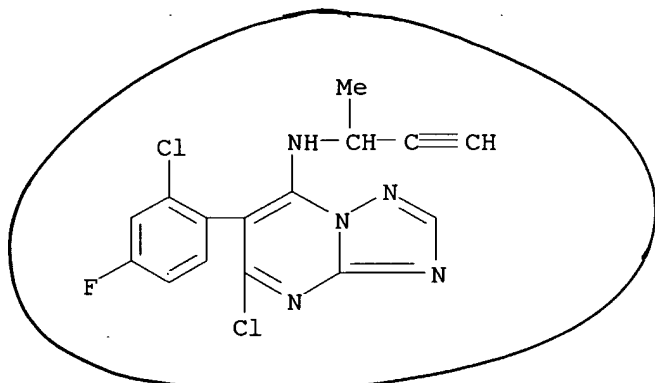
10/550571

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-(1-methyl-2-propynyl)- (9CI) (CA INDEX NAME)



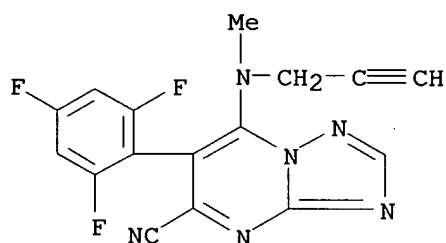
RN 773879-69-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1-methyl-2-propynyl)- (9CI) (CA INDEX NAME)



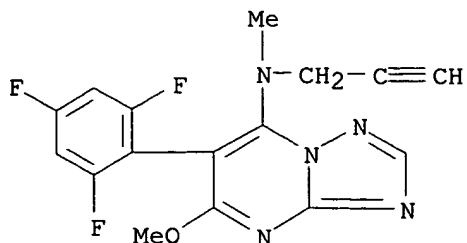
RN 773879-70-2 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(methyl-2-propynylamino)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

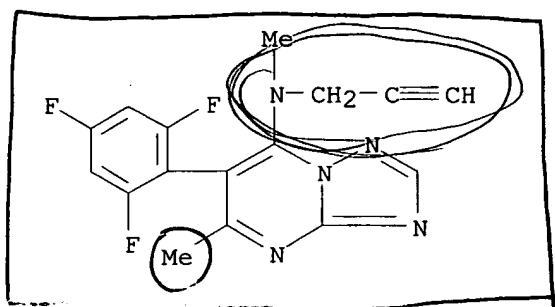


RN 773879-71-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methoxy-N-methyl-N-2-propynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 773879-72-4 CAPLUS  
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N,5-dimethyl-N-2-propynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

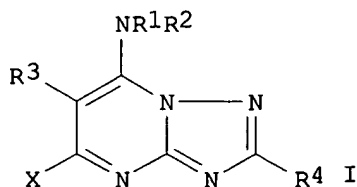


RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2003:777797 CAPLUS  
 DN 139:292263  
 TI Preparation of (amino)(aryl)triazolopyrimidines as microbicides  
 IN Boie, Christiane; Dunkel, Ralf; Elbe, Hans-Ludwig; Gayer, Herbert;  
 Gebauer, Olaf; Krueger, Bernd-Wieland; Heinemann, Ulrich; Voerste, Arnd;  
 Guth, Oliver; Ebbert, Ronald; Wachendorff-Neumann, Ulrike; Mauler-Machnik,  
 Astrid  
 PA Bayer CropScience AG, Germany; et al.  
 SO PCT Int. Appl., 80 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003080614 *	A2	20031002	WO 2003-EP2413	20030310
	WO 2003080614	A3	20040108		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				

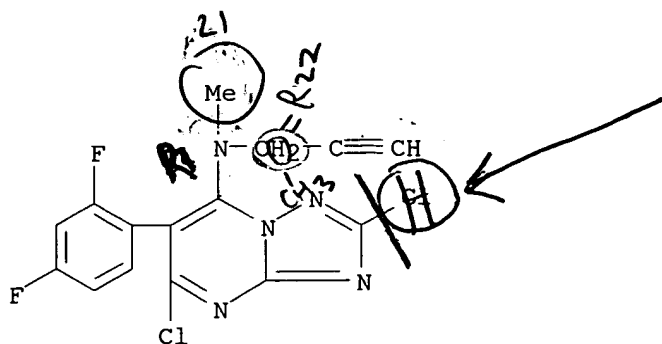
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 DE 10212886 A1 20031002 DE 2002-10212886 20020322  
 AU 2003212322 A1 20031008 AU 2003-212322 20030310  
 EP 1490370 A2 20041229 EP 2003-708201 20030310  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
 JP 2005528364 T2 20050922 JP 2003-578368 20030310  
 US 2005222173 A1 20051006 US 2005-508402 20050322  
 PRAI DE 2002-10212886 A 20020322  
 WO 2003-EP2413 W 20030310  
 OS MARPAT 139:292263  
 GI



AB Title compds. [I; R1 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkenyloxy, alkynyloxy, cycloalkyloxy, (di)alkylamino, alkenylamino, alkynylamino, cycloalkylamino, N-cycloalkyl-N-alkylamino, alkylidenamino, heterocyclyl; R2 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl; NR1R2 = (substituted) heterocyclyl; R3 = (substituted) aryl; R4 = halo, cyano, (substituted) alkoxy or dialkylamino; X = halo], were prepared Thus, 2,5,7-trichloro-6-(2-chlorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine (preparation given) in CH2Cl2 was treated with isopropylamine and Et3N followed by stirring for 2 h at 60° to give 18% N-[2,5-dichloro-6-(2-chlorophenyl)-1,2,4-triazolo[1,5-a]pyrimidin-7-yl]-N-isopropylamine. Several I at 100-199 ppm gave 83-100% control of Podosphaera leucotricha on apple.

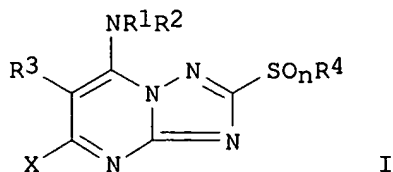
IT 608089-38-9P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of (amino)(aryl)triazolopyrimidines as microbicides)

RN 608089-38-9 CAPLUS  
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 2,5-dichloro-6-(2,4-difluorophenyl)-N-methyl-N-2-propynyl- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2002:849630 CAPLUS  
 DN 137:353057  
 TI Preparation of 1,2,4-triazolo[1,5-a]pyrimidines as agricultural  
 bactericides and fungicides  
 IN Gebauer, Olaf; Greul, Joerg Nico; Heinemann, Ulrich; Elbe, Hans-Ludwig;  
 Krueger, Bernd-Wieland; Dunkel, Ralf; Voerste, Arnd; Ebbert, Ronald;  
 Wachendorff-Neumann, Ulrike; Kuck, Karl-Heinz; Kitagawa, Yoshinori  
 PA Bayer Aktiengesellschaft, Germany  
 SO PCT Int. Appl., 112 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002088127	A2	20021107	WO 2002-EP4441	20020423
	WO 2002088127	A3	20021227		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10121102	A1	20021107	DE 2001-10121102	20010427
	AU 2002308154	A1	20021111	AU 2002-308154	20020423
	EP 1392695	A2	20040303	EP 2002-766635	20020423
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	JP 2004534019	T2	20041111	JP 2002-585426	20020423
	US 2004157863	A1	20040812	US 2004-474948	20040407
PRAI	DE 2001-10121102	A	20010427		
	WO 2002-EP4441	W	20020423		
OS	MARPAT 137:353057				
GI					



AB Title compds. [I; R1 = amino, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkenyloxy, alkynyloxy, cycloalkoxy, alkylamino, dialkylamino, alkenylamino, alkynylamino, cycloalkylamino, N-cycloalkyl-N-alkylamino, alkylideneamino, heterocyclyl, SR5; R5 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl; R2 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl; or NR1R2 = heterocyclyl; R3 = (substituted) aryl; R4 = (substituted) alkyl, alkenyl, alkynyl; X = halo; n = 0-2] and salts thereof were prepared. Thus, a mixture of 5,7-dichloro-2-(methylsulfanyl)-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine (preparation given) and 4-trifluoromethylpiperidine in CH2Cl2 was treated with Et3N followed by stirring for 18 h at room temperature to give 83.4% 5-chloro-7-[4-(trifluoromethyl)-1-piperidinyl]-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine. Several I at 100 ppm gave 94-100% control of *Podosphaera leucotricha*.

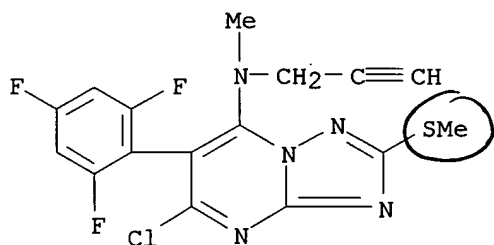
IT 474507-44-3P 474508-09-3P 474509-00-7P  
474509-93-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of triazolopyrimidines as agricultural bactericides and fungicides)

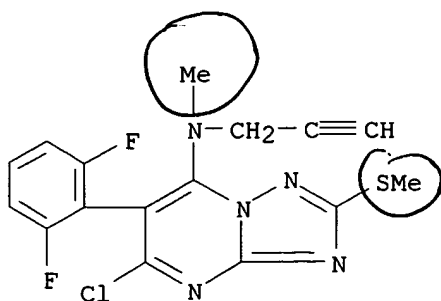
RN 474507-44-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-2-(methylthio)-N-2-propynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



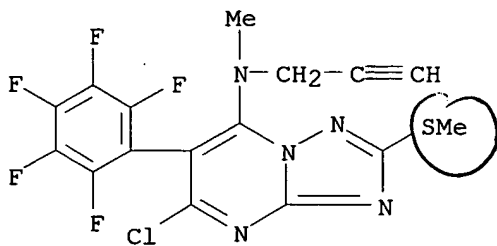
RN 474508-09-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-methyl-2-(methylthio)-N-2-propynyl- (9CI) (CA INDEX NAME)



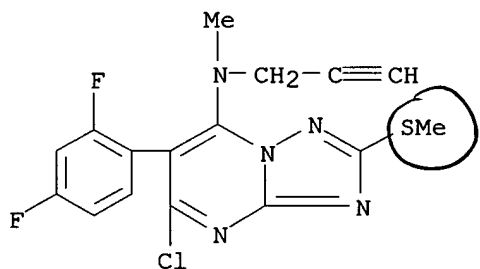
RN 474509-00-7 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-2-(methylthio)-6-(pentafluorophenyl)-N-2-propynyl- (9CI) (CA INDEX NAME)



RN 474509-93-8 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-methyl-2-(methylthio)-N-2-propynyl- (9CI) (CA INDEX NAME)



=&gt; file caold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
15.79	182.94

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-2.25	-2.25

CA SUBSCRIBER PRICE

FILE 'CAOLD' ENTERED AT 16:02:11 ON 05 JUL 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

10/550571

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966  
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s 13  
L5 0 L3

=> file chemcats

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	183.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.25

FILE 'CHEMCATS' ENTERED AT 16:02:22 ON 05 JUL 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 American Chemical Society (ACS)

FILE LAST UPDATED 24 JUNE 2006 (20060624/UP)

For details on recent updates in CHEMCATS, enter NEWS FILE at an arrow prompt. For the list of suppliers currently in the file, enter HELP SPA, HELP SPBC, HELP SPDH, HELP SPIN, HELP SPOP, and HELP SPQZ. For the list of current catalogs, enter HELP CTA, HELP CTBC, HELP CTDH, HELP CTIN, HELP CTOP, and HELP CTQZ.

This database is provided on an "as is" basis. Please consult the suppliers for current information regarding pricing, regional availability, available quantities, purities, etc. THERE ARE NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED. ACS is not liable for any loss of profit, goodwill or any other damages arising out of the use of this database.

CHEMCATS now contains more than 10 million records. See HELP CONTENT and NEWS FILE for details.

=> s 13  
L6 0 L3



10/550571

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.91	184.29

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-2.25

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 16:02:38 ON 05 JUL 2006